

JAN 17 1982

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DPM 1309

DATE OF PREP.

August 1977

Section I

MANUFACTURER'S NAME

Koppers Company, Inc.

STREET ADDRESS

5431 District Blvd.

CITY, STATE, AND ZIP CODE Vernon, CA 90040

EMERGENCY TELEPHONE NO.

213 - 726-8666

PRODUCT CLASS

Pretreatment Wash Primer

MANUFACTURERS CODE IDENTIFICATION

P-204-66

TRADE NAME

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV		LEL	VAPOR PRESSURE
		PPM	mg/M ³		
Zinc Chromate	8.72	-	.10	-	- - -
Anhydrol (Ethyl Alcohol)	61.14	1000	1880	4.3	40mm/19°C
Butanol N	20.31	100	303	1.4	5.5mm/20°C
Epichlorhydrine	0.08	5	19	-	10mm/16.6°C

Section III - PHYSICAL DATA

BOILING RANGE 170 - 230°F

VAPOR DENSITY

☒

HEAVIER

☐

LIGHTER THAN AIR

EVAPORATION RATE

☐

FASTER

☒

SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME 90%

WEIGHT PER GALLON

7.5

Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY

Flammable - Red Label

FLASH POINT

52°F TCC

LEL 1.4

EXTINGUISHING MEDIA

Carbon dioxide, foam or dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS

May form explosive vapor mixture between upper and lower explosive limits. Don't use welding or cutting torch on near drum (even empty).

Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE (Zinc Chromate) Not assigned, estimate .1 mg/m³
EFFECTS OF OVEREXPOSURE

Headache, nausea, highly irritating to eyes and skin

EMERGENCY AND FIRST AID PROCEDURES

Remove victims from vapors - restore breathing if necessary.
Remove from skin with soap and water.
Flush eyes with water.

Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, aldehydes, and other organics, lead oxide, chromic oxide

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove sources of ignition. Apply sawdust or other absorbent material. Keep material from spreading.

WASTE DISPOSAL METHOD

Put in metal container and seal for disposal

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION For confined areas use Bureau of Mines Respiratory Device
Approval 25 B-13

BM2304 Face Piece

BM2304 Cartridge

BM2313 Filters

BM2313 Filter Clips

VENTILATION

Ventilation should be adequate to keep lower level below LEL

PROTECTIVE GLOVES Rubber

EYE PROTECTION Safety Glasses

OTHER PROTECTIVE EQUIPMENT Rubber soles must be worn (no static electricity)

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Flammable - store away from open flame and high heat

OTHER PRECAUTIONS

Do not take internally - avoid prolonged contact with skin.

JAN 17 1982

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DPM 1309

DATE OF PREP. August 1977

Section I

MANUFACTURER'S NAME Koppers Company, Inc.

STREET ADDRESS 5431 District Blvd.

CITY, STATE, AND ZIP CODE Vernon, CA 90040

EMERGENCY TELEPHONE NO. 213 - 726-8666

PRODUCT CLASS Acid Component

MANUFACTURERS CODE IDENTIFICATION

TRADE NAME

C-152-66

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV		LEL	VAPOR PRESSURE
		PPM	mg/M ³		
Anhydrol 190 (ethyl alcohol)	65.79	1000	1880	4.3	40mm/19°C
Phosphoric Acid	15.3	-	1	-	.03mm/20°C

Section III - PHYSICAL DATA

BOILING RANGE 170-212°F

VAPOR DENSITY ☒ HEAVIER ☐ LIGHTER THAN AIREVAPORATION RATE ☐ FASTER ☒ SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME 92.5%

WEIGHT PER GALLON 7.75 ± .2

Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Flammable - Red Label-

FLASH POINT 53°F TCC

LEL 4.3

EXTINGUISHING MEDIA

Carbon dioxide, foam or dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS

May form explosive vapor mixture between upper and lower explosive limits. Do not use welding or cutting torch on or near drum (even empty).

Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE N/A

EFFECTS OF OVEREXPOSURE

Headache, nausea, moderately irritating to eyes and skin.

EMERGENCY AND FIRST AID PROCEDURES

Remove victims from vapors - restore breathing if necessary.

Remove from skin with soap and water.

Flush eyes with water.

Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, aldehydes, and other organics, phosphorous oxide.

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove sources of ignition. Apply sawdust or other absorbent material - keep material from spreading.

WASTE DISPOSAL METHOD

Put in metal container and seal for disposal.

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION For confined areas use Bureau of Mines Respiratory Device

Approval 25 B-13

BM2304 Face Piece

BM2304 Cartridge

BM2313 Filter

BM2313 Filter Clip

VENTILATION

Ventilation should be adequate to keep lower level below LEL

PROTECTIVE GLOVES Rubber

EYE PROTECTION Safety

OTHER PROTECTIVE EQUIPMENT Rubber soles must be worn (no static electricity)

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Flammable - store away from open flame and high heat

OTHER PRECAUTIONS

Do not take internally - avoid prolonged contact with skin